11-5985-335-23P

TECHNICAL MANUAL

ORGANIZATIONAL, DIRECT SUPPORT MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR ANTENNA AS-1425 /GRC (NSN 5985-00-926-2593)

HEADQUARTERS, DEPARTMENT OF THE ARMY
2 JULY 1984

D 101.11:

READEX MICRO best copy available

Technical Manual
No. 11-5985-335-23P

HEADQUARTERS
DEPARTMENTS OF THE ARMY,
Washington, DC, 2 July 1984

ORGANIZATIONAL, DIRECT SUPPORT, MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR ANTENNA AS-1425/GRC (NSN 5985-00-926-2593)

Current as of

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2 02 8 (Recommended Changes to Publications and Blank Forms), or DA Form 2 02 8-2 located in the back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, NJ 0 7 7 03.

In either case, a reply will furnished direct to you.

*This manual supersedes so much of TM 11-5985-335-15, 3 March 1971, including all changes, as pertains to repair parts and special tools list.

Table of Contents

			Page	Illus Figure
Section	I.	Introduction	1	
	II.	Repair Parts List	5	
Group	00	Antenna AS-1425/GRC	4.1	1
	01	Reflector Assembly	4.1	2
	02	Horn Assembly, Waveguide Feed	8	3
	03	Housing Assembly, Elevation Adjust	10	4
	04	MK-2228A/G Antenna Extension Kit	12	5
Section	III.	Special Tools List (Not applicable)	14	
	IV.	National Stock Number and Part Number Index		

SECTION I
INTRODUCTION

1-1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational and direct support, maintenance of the AS-1425/GRC. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code — Definition

PA — Item procured and stocked for anticipated or known usage.

PB — Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.

PC — Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.

PD — Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.

PE — Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.

PF — Support equipment which will not be stocked but which will be centrally procured on demand.

PG — Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.

KD — An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.

KF — An item of a maintenance kit and not purchased separately. Maintenance Kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

KB — Item included in both a depot overhaul/repair kit and a maintenance kit.

MO — Item to be manufactured or fabricated at organizational level.

MF — Item to be manufactured or fabricated at the direct support maintenance level.

MH — Item to be manufactured or fabricated at the general support maintenance level.

MD — Item to be manufactured or fabricated at the depot maintenance level.

AO — Item to be assembled at organizational level.

AF — Item to be assembled at direct support maintenance level.

AH — Item to be assembled at general support maintenance level.

AD — Item to be assembled at depot maintenance level.

XA — Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

XB — Item is not procured or stocked. If not available through salvage, requisition.

XC — Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

XD — A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE

Cannibalization or salvage may be used as a

source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 750-1.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(*a*) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code — Application/Explanation

C — Crew or operator maintenance performed within organizational maintenance.

O — Support item is removed, replaced, used at the organizational level.

F — Support item is removed, replaced, used at the direct support level.

H — Support item is removed, replaced, used at the general support level.

D — Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

(*b*) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

Code — Application/Explanation

O — The lowest maintenance level capable of complete repair of the support item is the organizational level.

F — The lowest maintenance level capable of complete repair of the support item is the direct support level.

H — The lowest maintenance level capable of complete repair of the support item is the general support level.

D — The lowest maintenance level capable of complete repair of the support item is the depot level.

L — Repair restricted to designated specialized repair activity.

Z — Nonreparable. No repair is authorized.

B — No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability *codes* — Definition

Z — Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.

O — Reparable item. When uneconomically reparable, condemn and dispose at organizational level.

F — Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.

H — Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

D — Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

L — Reparable item. Repair, condemnation, and disposal not auhtorized below depot/specialized repair activity level.

A — Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-41/42 which is used to identify the manufacturer, distributor, or Government agency, etc.

e. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 11-5985-335-15.

b. The following publications pertain to the AS-1425/GRC and its components:

TM 11-5985-335-15, Antenna AS-1425/GRC.

c. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-MM, Fort Monmouth, NJ 07703 for the part required to support your equipment.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4)

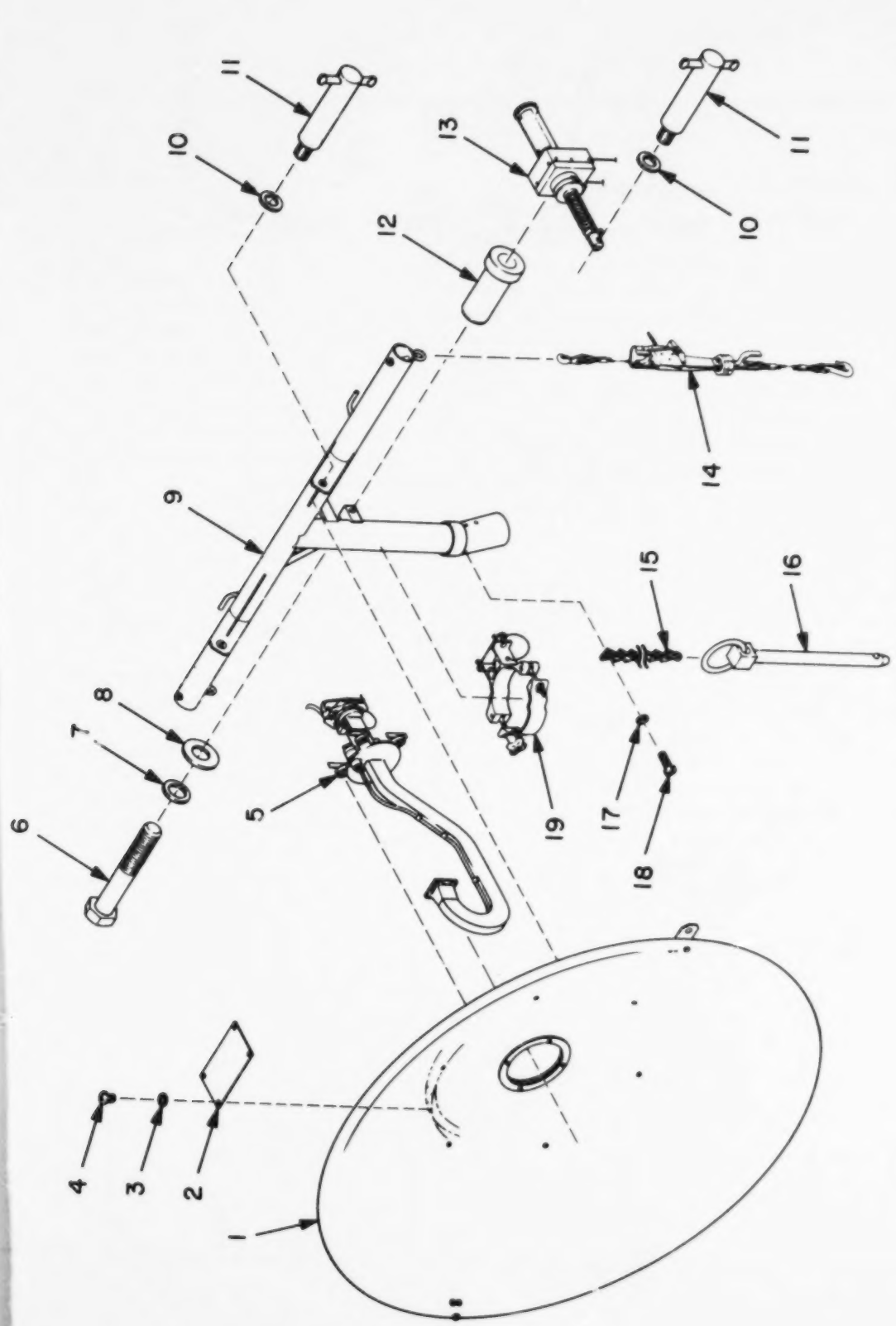


Figure 1. Antenna AS-1425/GRC (Sheet 1 of 2)

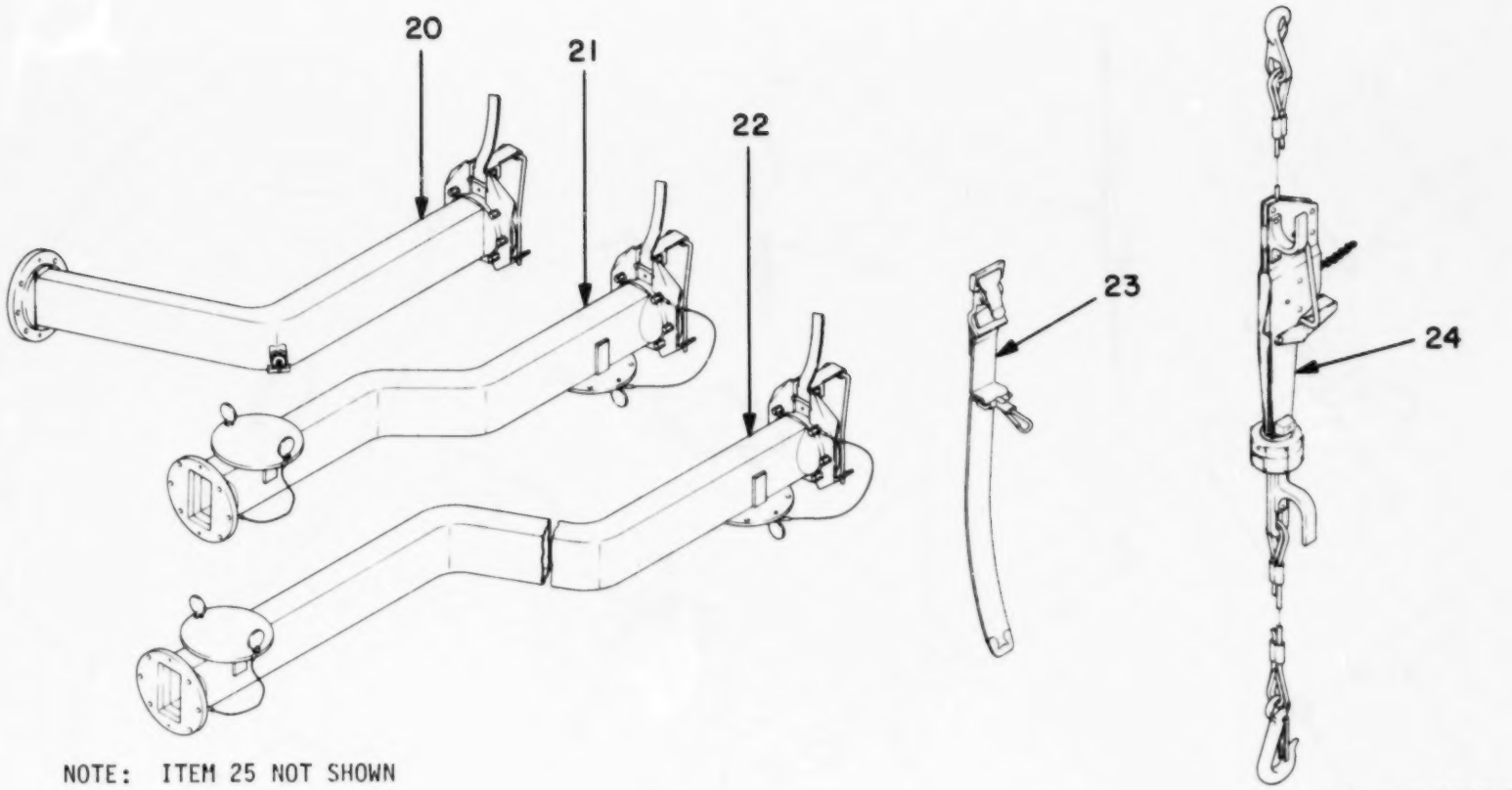


Figure 1. Antenna AS-1425/GRC (Sheet 2 of 2)

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 00 ANTENNA AS-1425/GRC		
1	1	PAUUC	5985-00-477-8334	80063	SM-D-561729	REFLECTOR,ANTENNA	EA	1
1	2	XBFZZ		80063	SM-D-558718-10	PLATE IDENTIFICATION	EA	1
1	3	PAFZZ	5310-00-933-8118	96906	MS35338-78	WASHER SPLIT	EA	4
1	4	PAFZZ	5305-00-054-5653	96906	MS51957-19	SCREW,MACHINE	EA	4
1	5	PAUFF	5985-00-168-4274	80063	SM-E-561641	HORN,WAVEGUIDE	EA	1
1	6	PAFZZ	5305-00-103-2072	96906	MS35307-419	SCREW,CAP,HEXAGON H	EA	3
1	7	PAFZZ	5310-00-933-8778	96906	MS35338-143	WASHER,LOCK	EA	1
1	8	PAFZZ	5310-00-167-0806	88044	AN960L816	WASHER,FLAT	EA	1
1	9	PAUFF	5985-00-413-4416	80063	SM-D-561727	FRAME ASSEMBLY ANT	EA	1
1	10	XHCZZ	5310-00-974-6623	96906	MS35338-140	WASHER,SPLIT	EA	4
1	11	XBDZZ		82261	SMB561646	BOLT,ASSEMBLY	EA	1
1	12	XBFZZ		80063	SM-B-561792-1	BUSHING,SLEEVE	EA	1
1	13	PAUFF	5985-00-117-2930	80063	SM-D-561642	MAST SECTION	EA	1
1	14	PADZZ	5975-00-403-1012	80063	SM-C-561651	GUY	EA	1
1	15	XBCZZ		80063	SM-C-953735	CHAIN SASH 10 INCHES	EA	1
1	16	XBCZZ		96906	MS59271-C6-40	PIN QUICK RELEASE	EA	1
1	17	PADZZ	5310-00-933-8119	96906	MS35338-137	WASHER,LOCK	EA	1
1	18	PALZZ		96906	MS51957-45	SCREW PAN HEAD	EA	1
1	19	PADZZ	5340-00-407-2814	80063	SM-D-559875	CLAMP,LOOP	EA	1
1	20	PALZZ	5985-00-954-4946	80063	SM-D-558542-1	WAVEGUIDE ASSEMBLY	EA	1
1	21	PADZZ	5985-00-954-4939	80063	SM-D-558272-2	WAVEGUIDE ASSEMBLY	EA	1
1	22	PALZZ	5985-00-954-4940	80063	SM-D-558272-1	WAVEGUIDE	EA	1
1	23	PADZZ	5340-00-422-2116	80063	SM-C-559689	STRAP,WEBBING	EA	15
1	24	PADZZ	5975-00-403-1011	80063	SM-D-561910	GUY	EA	1
1	25	PA000	5895-01-163-0973	80058	MX-2228A/G	EXTENSION KIT....(SEE FIG. 5 FOR PARTS)	EA	1

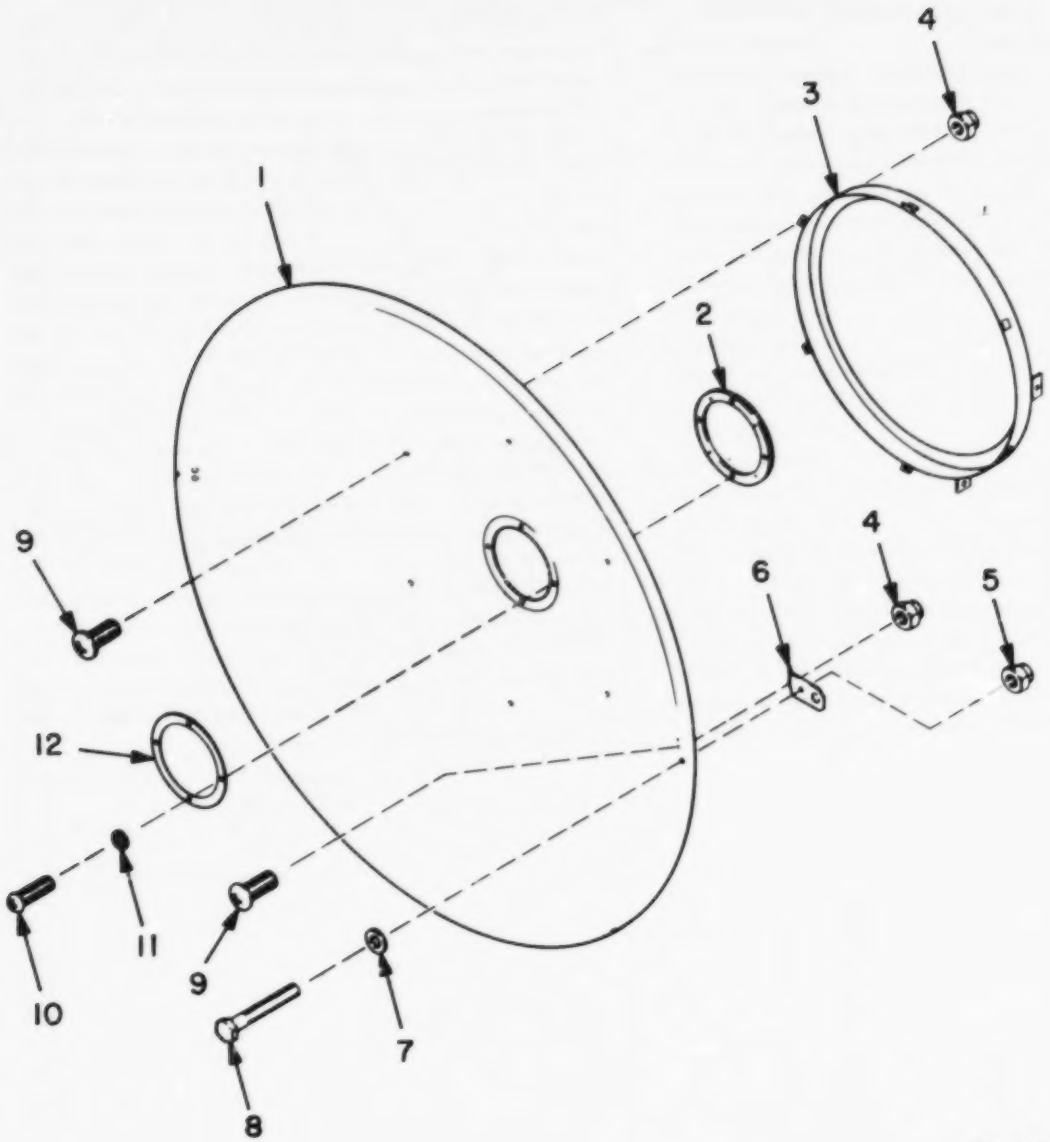


Figure 2. Reflector Assembly

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 01 REFLECTOR ASSEMBLY		
2	1	XBOZZ		80063	SM-C-561760-1	REFLECTOR,ANT- ENA	EA	1
2	2	XBOZZ		80063	SM-C-561736	RING,RETAINING	EA	1
2	3	PAOZZ		80063	SM-D-561643	RING,ASSEMBLY	EA	1
2	4	XBOZZ		82241	50FAF518	NUT,SELF LOCK- ING	EA	6
2	5	PAOZZ		88044	AN3036420	NUT,SELF LOCK- ING	EA	2
2	6	XBOZZ		80063	SM-C-561750-1	BRACKET	EA	2
2	7	PAOZZ	5310-00-531-9515	88044	AN960C416	WASHER,PLAT	EA	2
2	8	PAOZZ	5305-00-702-4523	96906	MS35307-306	SCREW,CAP,HEXA-GON	EA	2
2	9	XBOZZ		82241	AN526C518-12	SCREW,MACHINE	EA	6
2	10	PAOZZ		88044	AN515C416-14	SCREW,MACHINE	EA	4
2	11	PAOZZ	5310-00-933-8121	96906	MS35338-139	WASHER,SPLIT	EA	4
2	12	XBOZZ		80063	SM-C-561778-1	RING,RETAINING	EA	1

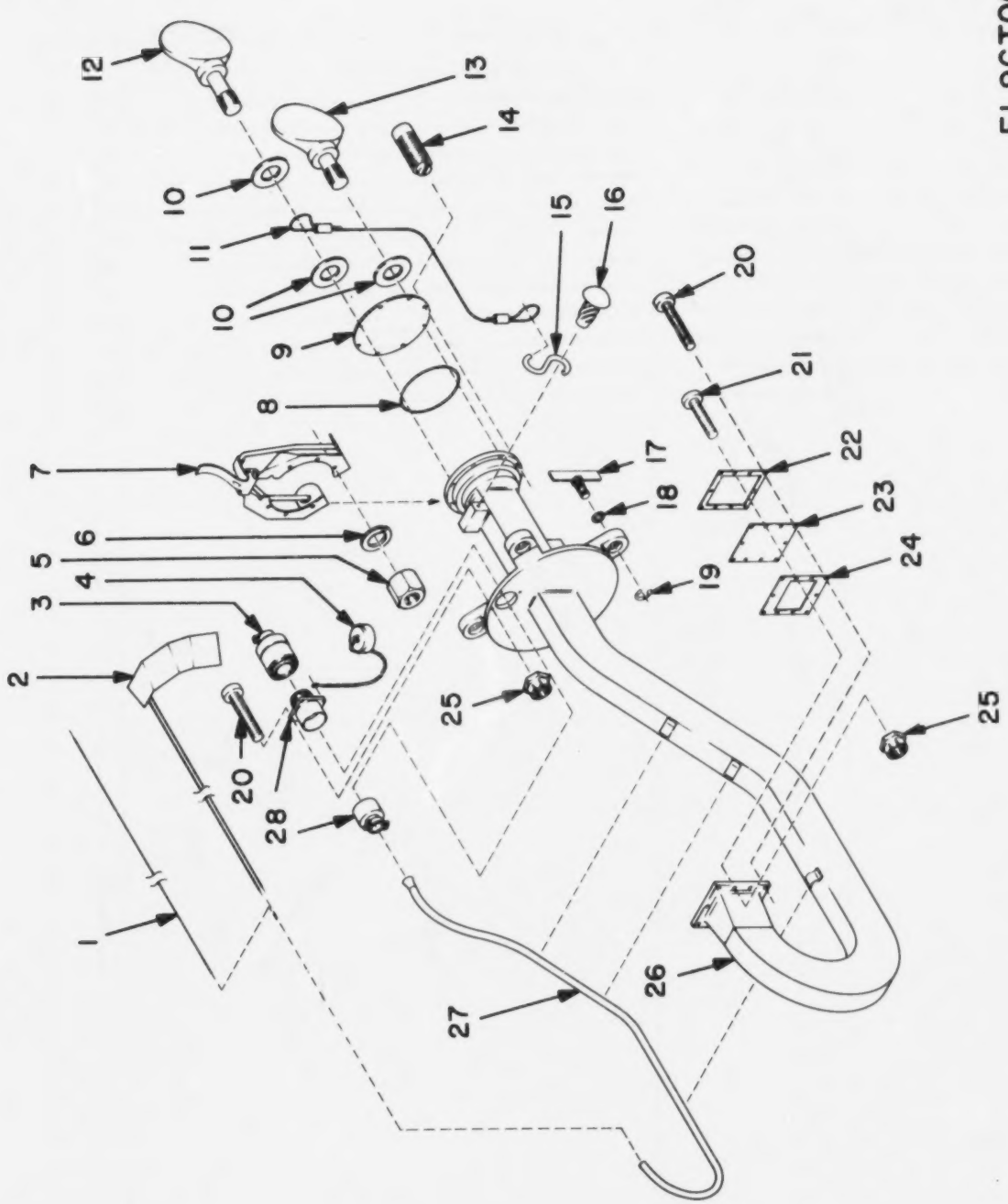


Figure 3. Horn Assembly, Waveguide Feed

(1) ILLUSTRATION (a) FIG NO.	(1) ILLUSTRATION (b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 02 HORN ASSEMBLY,WAVEGUIDE FEED		
3	1	XBFZZ		80063	SM-M-561783-1	WIRE,ELECTRICAL	FT	1
3	2	PAFZZ		80063	SM-C-561739-1	HEATER ASSY	EA	1
3	3	PAFZZ	5935-00-785-5935	96906	MS3106F16-10S	CONNECTOR,PLUG,ELEC	EA	1
3	4	PAFZZ	5935-00-581-4553	96906	MS25049-16L	COVER,ELECTRICAL CO	EA	1
3	5	PAFZZ	5310-00-934-9751	96906	MS35650-302	NUT,PLAIN,HEXAGON	EA	6
3	6	PAFZZ	5310-00-045-3298	96906	MS35338-43	WASHER,LOCK	EA	6
3	7	XCFZZ		80063	SM-C-561738-1	CLAMP ASSEMBLY,QUIC	EA	1
3	8	PAFZZ	5330-00-809-3818	96906	MS90064-16	PACKING	EA	1
3	9	XBFZZ		80063	SM-C-561777-1	COVER,PLATE	EA	1
3	10	PAFZZ	5310-00-167-0812	88044	AN960C10L	WASHER,FLAT	EA	5
3	11	XBFZZ		80063	SM-B-561732	WIRE,ROPE	EA	1
3	12	PAFZZ	5305-00-255-6586	80063	SM-B-561751-1	THUMBSCREW	EA	1
3	13	PAFZZ	5305-00-255-6587	80063	SM-B-561751-2	THUMBSCREW	EA	1
3	14	XBFZZ		80063	SM-C-561738-2	SCREW,MACHINE	EA	6
3	15	XBFZZ		80063	SM-B-561784-2	HORN S	EA	1
3	16	XBFZZ		80063	SM-B-561718-2	SCREW,DRIVE	EA	1
3	17	PAFZZ	5306-00-429-1072	80063	SM-B-561647	BOLT,TEE ASSEMBLY	EA	4
3	18	PAFZZ	5310-00-984-7042	96906	MS35338-141	WASHER,SPLIT	EA	2
3	19	PAFZZ	5365-00-286-8718	96906	MS16633-4027	RING,RETAINING	EA	4
3	20	PAFZZ	5305-00-054-5652	96906	MS51957-18	SCREW,MACHINE	EA	1
3	21	PAFZZ	5305-00-054-5651	96906	MS51957-17	SCREW,MACHINE	EA	5
3	22	XBFZZ		80063	SM-B-561764-1	FRAME,IRIS	EA	1
3	23	XBFZZ		80063	SM-B-561761-1	GASKET	EA	1
3	24	XBFZZ		80063	SM-B-561762-1	IRIS,WAVEGUIDE	EA	1
3	25	PAFZZ	5313-00-982-5030	96906	MS21045C04	NUT,SELF LOCK- ING	EA	10
3	26	PAFFF		80063	SM-C-561731	TUBE ASSY	EA	1
3	27	XBFZZ		80063	SM-C-561743-1	TUBE	EA	1
3	28	PAFZZ	5935-00-081-1283	96906	MS310UK16-10P	CONNECTOR-	EA	1

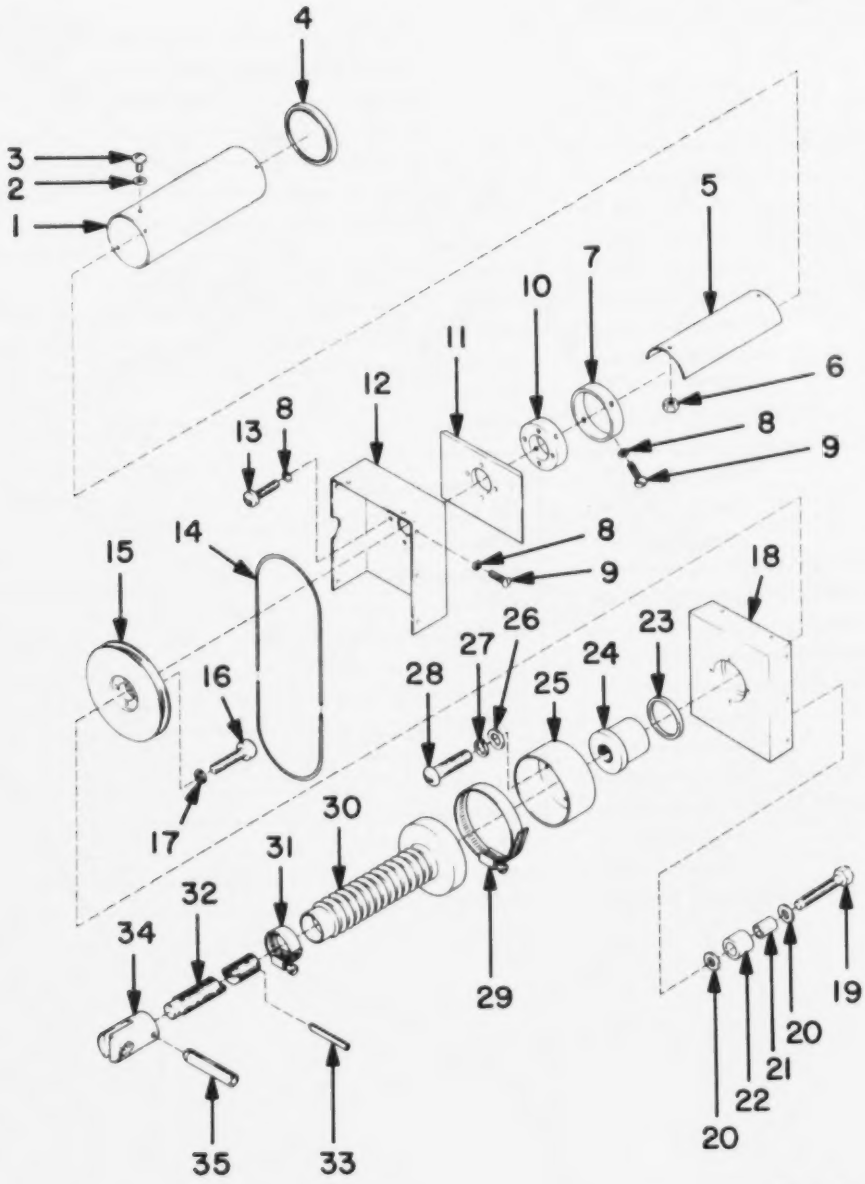
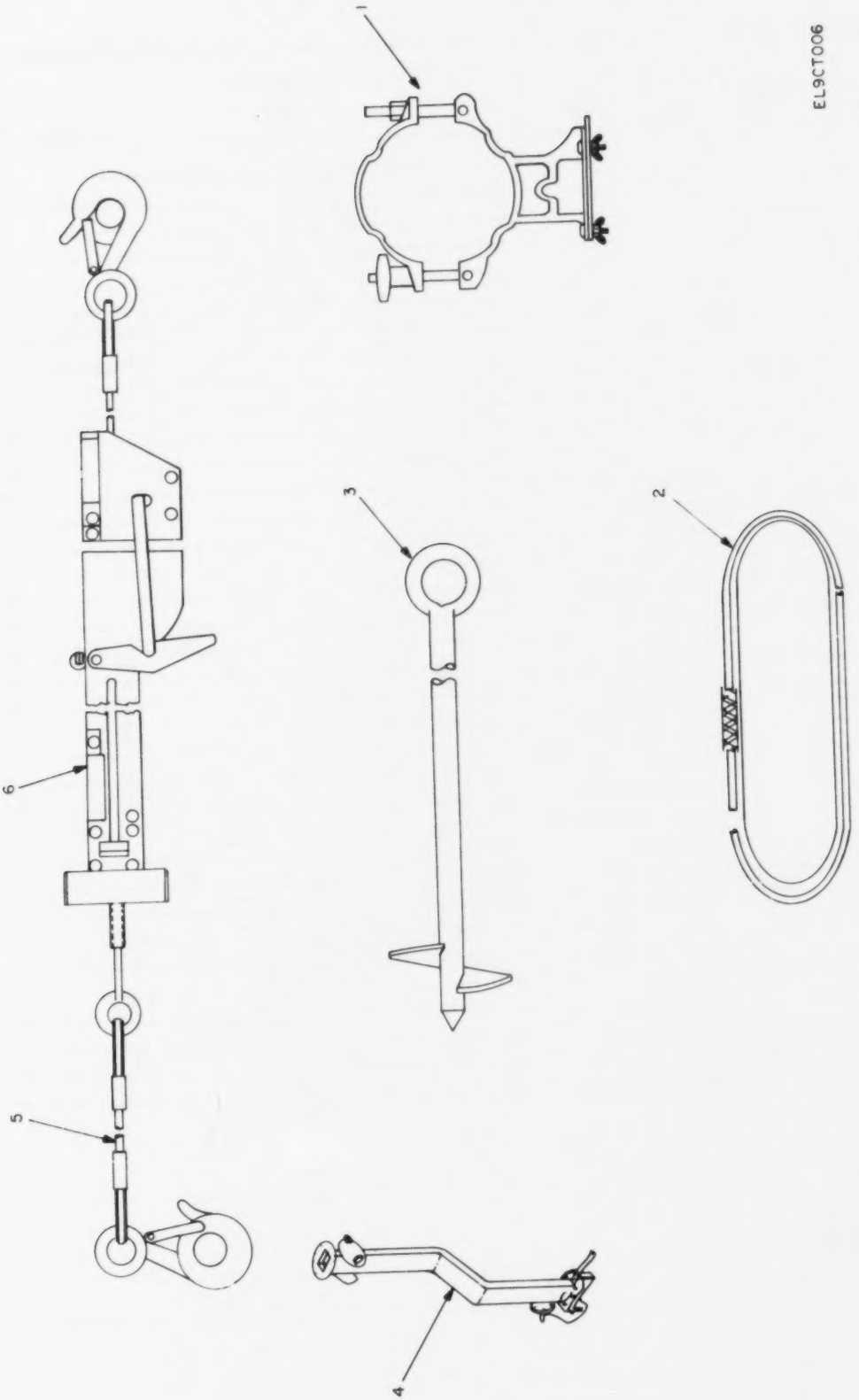


Figure 4. Housing Assembly, Elevation Adjust

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 03 HOUSING ASSY,ELEVATION ADJUST		
4	1	XAFZZ		80063	SM-B-561791-1	TUBE,PLASTIC	EA	1
4	2	XBFZZ	5310-00-638-9857	82241	AN960C6L	WASHER,FLAT	EA	2
4	3	PAFZZ	5305-00-054-5649	96906	MS51957-15	SCREW,MACHINE	EA	2
4	4	XBFZZ		80063	SM-B-561790	COVER	EA	1
4	5	XBFZZ		80063	SM-B-561774-1	PLATE SCALE	EA	1
4	6	XBFZZ	5310-00-982-5000	82241	MS21045C04	NUT,SELF LOCK- ING	EA	2
4	7	XBFZZ		98063	SMB561797-1	SPACER,SLEEVE	EA	1
4	8	PAFZZ	5310-00-933-8119	96906	MS35338-137	WASHER,LOCK	EA	8
4	9	PAFZZ	5305-00-054-6670	96906	MS51957-45	SCREW,MACHINE	EA	4
4	10	XBFZZ		80063	SM-B-561753-1	BUSHING SLEEVE	EA	1
4	11	XAFZZ		80063	SM-B-561749-1	PLATE,MOUNTING	EA	1
4	12	XBFZZ		80063	SM-D-561744-1	COVER,PULLEY	EA	1
4	13	PAFZZ	5305-00-054-6670	88044	AN515C8-8	SCREW,MACHINE	EA	7
4	14	XBDZZ		80063	SM-D-561765-1	ROPE SPLICED 100 FT	EA	1
4	15	XBFZZ		80063	SM-C-561734	PULLEY,GROOVE	EA	1
4	16	PAFZZ	5305-00-068-5405	96906	MS16996-14	SCREW,CAP,HEXA-GON	EA	4
4	17	XBFZZ	5310-00-933-8120	96906	MS35338-138	WASHER,LOCK	EA	2
4	18	XBFZZ		80063	SM-D-561728-1	BLOCK,MOUNTING	EA	1
4	19	PAFZZ	5305-00-208-1429	96906	MS15307-363	SCREW,CAP,HEXA-GON	EA	2
4	20	XBFZZ	5310-00-773-7618	96906	MS15795-814	WASHER,FLAT	EA	2
4	21	XBFZZ		80063	SM-B-561759-1	BUSHING SLEEVE	EA	1
4	22	XBFZZ		80063	SM-B-561786-1	BUSHING SLEEVE	EA	2
4	23	XBFZZ		80063	SM-B-561757-1	WASHER NONMETALIC	EA	1
4	24	XBFZZ		80063	SM-C-561780-1	NUT,PLAIN,ROUND	EA	1
4	25	XBFZZ		80063	SM-B-561766-1	CAM	EA	1
4	26	PAFZZ	5310-00-638-9857	88044	AN960C16	WASHER,FLAT	EA	4
4	27	PAFZZ	5310-00-929-6395	96906	MS35338-136	WASHER,LOCK	EA	4
4	28	PAFZZ		88044	AN515C6-8	SCREW,MACHINE	EA	4
4	29	XBFZZ		80063	SM-B-561719-4	CLAMP,BASE	EA	1
4	30	PFFZZ		80063	SM-B-561760-1	BOLT,DUST AND NUTS	EA	1
4	31	XBFZZ		80063	SM-B-561719-3	CLAMP HOSE	EA	1
4	32	XBFZZ		80063	SM-B-561789-1	ROD,STEEL	EA	1
4	33	PAFZZ	5315-00-058-9808	96906	MS171656	PIN,SPRING	EA	1
4	34	XBFZZ		80063	SM-C-561748-1	CAP,ROD	EA	1
4	35	XBFZZ		82241	MS21208C6-10	INSERT,SCREW	EA	1


1
2
3
4
5
6
EL9CT006

SECTION II

(1) ILLUSTRATION (a) FIG NO.	(b) ITEM NO.	(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION / USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
						GROUP 04 EXTENSION KIT,MK-2228A/G		
5	1	PAOZZ	5340-00-407-2814	80063	SM-D-559875	CLAMP,LOOP	EA	10
5	2	XBOZZ		80063	SM-D-561765-2	ROPE SPLICED 200'FT	EA	1
5	3	XBOZZ		80063	A3002126	SCREW ANCHOR	EA	4
5	4	PAOZZ	5985-00-954-4940	80063	SM-D-558272-1	WAVEGUIDE ASSEMBLY	EA	4
5	5	PAOZZ		80063	AN/116-8	SHACKLE	EA	2
5	6	XBOZZ		80063	A3002077	GUY ASSEMBLY	EA	4

Figure 5. Extension Kit, MK-2228A/G

STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-045-3296	3	6
5305-00-054-5649	4	3
5305-00-054-5651	3	21
5305-00-054-5652	3	20
5305-00-054-5653	1	4
5305-00-054-6670	4	9
5305-00-054-6670	4	13
5315-00-058-9808	4	33
5305-00-068-5405	4	16
5935-00-081-1233	3	28
5305-00-103-2072	1	6
5985-00-117-2900	1	13
5310-00-167-0806	1	8
5310-00-167-0812	3	10
5985-00-168-4274	1	5
5305-00-208-1429	4	19
5305-00-255-6586	3	12
5305-00-255-6587	3	13
5365-00-286-8718	3	19
5975-00-403-1011	1	24
5975-00-403-1012	1	14
5340-00-407-2814	1	19
5340-00-407-2814	5	1
5985-00-413-4418	1	9
5340-00-422-2116	1	23
5306-00-429-1072	3	17
5985-00-477-8334	1	1
5310-00-531-9515	2	7
5935-00-581-4558	3	4
5310-00-638-9857	4	2
5310-00-638-9857	4	26
5305-00-702-4523	2	8
5310-00-773-7618	4	20
5935-00-785-5935	3	3
5330-00-809-3816	3	8
5310-00-929-6395	4	27
5310-00-933-8118	1	3
5310-00-933-8119	1	17
5310-00-933-8119	4	8
5310-00-933-8120	4	17
5310-00-933-8121	2	11
5310-00-933-8778	1	7
5310-00-934-9751	3	5
5985-00-954-4939	1	21
5985-00-954-4940	1	22
5985-00-954-4940	5	4
5985-00-954-4946	1	20
5310-00-974-6623	1	10
5310-00-982-5000	3	25
5310-00-982-5000	4	6
5310-00-984-7042	3	18

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80063	AN/116-8	5	5
88044	AN3636420	2	5
88044	AN515C416-14	2	10
88044	AN515C6-8	4	28
88044	AN515C8-8	4	13
82241	AN526C518-12	2	9
88044	AN960CL6	4	26
88044	AN960C10L	3	10
88044	AN960C416	2	7
82241	AN960C6L	4	2
88044	AN960C816	1	8
80063	A3002077	5	6
80063	A3002126	5	3
96906	MS15795-814	4	20
96906	MS16633-4037	3	19
96906	MS16996-14	4	16
96906	MS171656	4	33
82241	MS21045C04	4	6
96906	MS21045C04	3	25
82241	MS21208C6-10	4	35
96906	MS25043-16C	3	4
96906	MS3100R16-10P	3	28
96906	MS3106F16-10S	3	3
96906	MS35307-306	2	8
96906	MS35307-363	4	19
96906	MS35307-419	1	6
96906	MS35338-136	4	27
96906	MS35338-137	1	17
96906	MS35338-137	4	8
96906	MS35338-138	4	17
96906	MS35338-139	2	11
96906	MS35338-140	1	10
96906	MS35338-141	3	18
96906	MS35338-143	1	7
96906	MS35338-43	3	6
96906	MS35338-78	1	3
96906	MS35650-302	3	5
96906	MS51957-15	4	3
96906	MS51957-17	3	21
96906	MS51957-18	3	20
96906	MS51957-19	1	4
96906	MS51957-45	1	18
96906	MS51957-45	4	9
96906	MS90064-16	3	8
96906	M45952/1-C6-40	1	16
80063	SM-B-561647	3	17
80063	SM-B-561718-2	3	16
80063	SM-B-561719-3	4	31
80063	SM-B-561719-4	4	29
80063	SM-B-561749-1	4	11
80063	SM-B-561751-1	3	12
80063	SM-B-561751-2	3	13
80063	SM-B-561753-1	4	10
80063	SM-B-561757-1	4	23
80063	SM-B-561760-1	4	30
80063	SM-B-561761-1	3	23
80063	SM-B-561762-1	3	24
80063	SM-B-561766-1	4	25
80063	SM-B-561774-1	4	5
80063	SM-B-561783-1	3	1
80063	SM-B-561784-2	3	15
80063	SM-B-561786-1	4	22
80063	SM-B-561789-1	4	32
80063	SM-B-561790	4	4
80063	SM-B-561791-1	4	1
80063	SM-B-561792-1	1	12
80063	SM-C-559889	1	23
80063	SM-C-561651	1	14
80063	SM-C-561731	3	26
80063	SM-C-561734	4	15
80063	SM-C-561736	2	2
80063	SM-C-561738-1	3	7
80063	SM-C-561738-2	3	14
80063	SM-C-561739-1	3	2
80063	SM-C-561740-1	2	1
80063	SM-C-561748-1	4	34
80063	SM-C-561750-1	2	6
80063	SM-C-561777-1	3	9
80063	SM-C-561778-1	2	12
80063	SM-C-561780-1	4	24
80063	SM-C-561793-1	3	27
80063	SM-C-933733	1	15
80063	SM-D-558272-1	1	22
80063	SM-D-558272-1	5	4
80063	SM-D-558272-2	1	21
80063	SM-D-558542-1	1	20
80063	SM-D-558718-10	1	2
80063	SM-D-559875	1	19
80063	SM-D-559875	5	1
80063	SM-D-561642	1	13
80063	SM-D-561643	2	5
80063	SM-D-561727	1	5
80063	SM-D-561728-1	4	18
80063	SM-D-561729	1	1
80063	SM-D-561744-1	4	12
80063	SM-D-561764-1	3	22
80063	SM-D-561765-1	4	14
80063	SM-D-561765-2	5	2

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80063	SM-D-561910	1	24
80063	SM-E-561641	1	5
82241	SMB561646	1	11
80063	SMB561797-1	4	7
82241	50FAF518	2	4

LATEST PART NUMBER ASSIGNMENTS

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
80058	MK-2228A/G	1	25
80063	SM-B-561732	3	11
80063	SM-B-561759-1	4	21

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

SOMETHING WRONG WITH THIS PUBLICATION?

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)
Commander
Stateside Army Depot
ATTN: AMSTA-US
Stateside, N.J. 07703

DATE SENT
10 July 1975

PUBLICATION NUMBER	PUBLICATION DATE	PUBLICATION TITLE
TM 11-5840-340-12	23 Jan 74	Radar Set AN/PRC-76

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO
2-25	2-28		
3-10	3-3		3-1
3-6	5-8		
		F03	

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 25 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. +24 VDC is the input voltage.

SAMPLE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER
SSG I. M. DeSpiritof 999-1776

SIGN HERE
SSG I. M. DeSpiritof

DA FORM 1 JUL 79 2028-2 PREVIOUS EDITIONS ARE OBSOLETE.

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS

REVERSE OF DA FORM 2028-2

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

SAMPLE

Commander
US Army Communications-Electronics Command
and Fort Monmouth
ATTN: DRSEL-ME-MP
Fort Monmouth, New Jersey 07703

TEAR ALONG PERFORATED LINE

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER	PUBLICATION DATE	PUBLICATION TITLE
TM 11-5985-335-23P	2 July 1984	ANTÆNNA AS-1425/GRC

BE EXACT PIN-POINT WHERE IT IS

PAGE NO	PARA-GRAPH	FIGURE NO	TABLE NO

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE

P.S.–IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

REVERSE OF DA FORM 2028-2

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications-Electronics Command
and Fort Monmouth
ATTN: DRSEL-ME-MP
Fort Monmouth, New Jersey 07703

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER	PUBLICATION DATE	PUBLICATION TITLE
TM 11-5985-335-23P	2 July 1984	ANTÆNNA AS-1425/GRC

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

REVERSE OF DA FORM 2028-2

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications-Electronics Command
and Fort Monmouth
ATTN: DRSEL-ME-MP
Fort Monmouth, New Jersey 07703

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH THIS PUBLICATION?

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER	PUBLICATION DATE	PUBLICATION TITLE
TM 11-5985-335-23P	2 July 1984	ANTÆNNA AS-1425/GRC

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.	PARA-GRAPH	FIGURE NO.	TABLE NO.

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PRINTED NAME GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

DA FORM 1 JUL 79 2028-2

PREVIOUS EDITIONS ARE OBSOLETE

P.S.--IF YOUR OUTFIT WANTS TO KNOW ABOUT YOUR RECOMMENDATION MAKE A CARBON COPY OF THIS AND GIVE IT TO YOUR HEADQUARTERS.

REVERSE OF DA FORM 2028-2

FILL IN YOUR UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

Commander
US Army Communications-Electronics Command
and Fort Monmouth
ATTN: DRSEL-ME-MP
Fort Monmouth, New Jersey 07703

By Order of the Secretary of the Army:

JOHN A. WICKHAM JR.
General, United States Army
Chief of Staff

Official:

ROBERT M. JOYCE
Major General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-51A-1, Organizational Maintenance requirements for AS-1425/GRC.

☆US GOVERNMENT PRINTING OFFICE : 1990 O - 262-912 (30528)

PIN : 056059-000